

## ABSTRACT OF THE DISCLOSURE

## MULTI-BAND RECEIVER

5 There is disclosed a receiver for receiving a multi-band DMT signal. The receiver includes a plurality of demodulators, each demodulator having a discrete Fourier transform and being provided to demodulate a respective one of a plurality of bands in the multi-band signal, the multi-band signal being modulated in an inverse discrete Fourier transform. A method of demodulating a multi-band signal 10 is also provided.

[Figure 2]